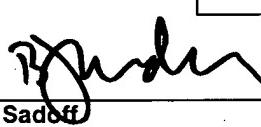


FORM PTQ-1390 MODIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 3665-113
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <b>10/502332</b> Unknown	
INTERNATIONAL APPLICATION NO. <b>PCT/IB03/01044</b>	INTERNATIONAL FILING DATE <b>14 February 2003</b>	PRIORITY DATE CLAIMED <b>14 February 2002</b> <b>11 March 2002</b>	
TITLE OF INVENTION <b>MUTATED GENE CODING FOR A LAT PROTEIN AND THE BIOLOGICAL APPLICATIONS THEREOF</b>			
APPLICANT(S) FOR DO/EO/US <b>MALISSEN et al</b>			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The U.S. has been elected by the expiration of 19 months from the priority date (Article 31).</p> <p>5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>a. <input checked="" type="checkbox"/> is attached hereto (34 pages specification, claims &amp; abstract (34 claims), 11 sheets drawings and seven pages sequence listing).</p> <p>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> An English language translation</p> <p>a. <input type="checkbox"/> of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (      pages specification, claims &amp; abstract (      claims),      sheets drawings,      page Certificate of Translation).</p> <p>b. <input type="checkbox"/> of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has <b>NOT</b> expired.</p> <p>d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. a. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>b. <input checked="" type="checkbox"/> Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (1 page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).</p> <p>10. See item 6.b. above.</p> <p><b>Items 11 To 20 below concern document(s) or information included:</b></p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825 and Statement re: Same.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information. PTO-1449 and copy of International Search Report</p>			

DT12 Rec'd PCT/PTO 23 JUL 2004

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.6)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER																														
<b>107502332</b>	PCT/IB03/01044	3665-113																														
21. <input checked="" type="checkbox"/> The following fees are submitted:		CALCULATIONS PTO USE ONLY																														
<b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</b>																																
-- Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....		\$1080.00																														
-- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....		\$920.00																														
-- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO.....		\$770.00																														
-- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....		\$730.00																														
-- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....		\$100.00																														
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>																																
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).																																
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th colspan="2">RATE</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>30</td> <td>minus 20 =</td> <td>10</td> <td>X \$18.00</td> </tr> <tr> <td>Independent Claims</td> <td>4</td> <td>minus 3 =</td> <td>1</td> <td>X \$86.00</td> </tr> <tr> <td colspan="3"><b>MULTIPLE DEPENDENT CLAIMS(S) (if applicable)</b></td> <td colspan="2">\$290.00</td> </tr> <tr> <td colspan="3">Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$110.00/1 month; \$420.00/2 months; \$950.00/3 months)</td> <td colspan="2">\$ 0.00</td> </tr> <tr> <td colspan="3" style="text-align: right;"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td colspan="2">\$ 1186.00</td> </tr> </tbody> </table>			CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		Total Claims	30	minus 20 =	10	X \$18.00	Independent Claims	4	minus 3 =	1	X \$86.00	<b>MULTIPLE DEPENDENT CLAIMS(S) (if applicable)</b>			\$290.00		Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$110.00/1 month; \$420.00/2 months; \$950.00/3 months)			\$ 0.00		<b>TOTAL OF ABOVE CALCULATIONS =</b>			\$ 1186.00	
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<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.																																
<b>SUBTOTAL =</b> \$ 1186.00																																
Processing fee of \$130.00, for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).																																
<b>TOTAL NATIONAL FEE =</b> \$ 1186.00																																
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property																																
+ \$ 0.00																																
Fee for Petition to Revive Unintentionally Abandoned Application (\$1330.00 – Small Entity = \$665.00)																																
\$ 0.00																																
<b>TOTAL FEES ENCLOSED =</b> \$ 1186.00																																
		Amount to be: refunded \$      Charged \$																														
a. <input checked="" type="checkbox"/> A check in the amount of \$1186.00 to cover the above fees is enclosed.																																
b. <input type="checkbox"/> Please charge my Deposit Account No. 14-1140 in the amount of \$ _____ to cover the above fees. A duplicate copy of this form is enclosed.																																
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.																																
d. <input checked="" type="checkbox"/> The entire content of International Application No. PCT/IB03/01044 and any U.S. and foreign application(s) corresponding thereto, and US 60/356,136 and EP 02290610.1, referred to in this application is/are hereby incorporated by reference in this application.																																
NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.																																
CORRESPONDENCE ADDRESS																																
Direct all correspondence to:																																
<input checked="" type="checkbox"/> Customer Number:		23117	Place Customer Number Bar Label Here →																													
Type Customer Number here																																
 <b>B. J. Sadoff</b> NAME																																
Telephone: (703) 816-4000 BJS:lmj		36,663	July 23, 2004																													
		REGISTRATION NUMBER	Date																													